GE
Lighting

office

engineering a brighter view

Rensselaer Polytechnic Institute explores indoor LED lighting solutions

GE's Lumination™ EP Series LED Luminaires add elegant aesthetic to lighting research facility

THE SITUATION

Rensselaer Polytechnic Institute (RPI) is a private research university located in Troy, N.Y., which encompasses the Smart Lighting Engineering Research Center that is funded primarily by the National Science Foundation. Fed up with dark and dingy fluorescent fixtures, the Smart Lighting Center was challenged with installing a state-of-the-art LED lighting solution in the Civil Engineering Department to demonstrate what solid-state lighting can do and how it benefits occupants.

THE SOLUTION

GE's Lumination™ EP Series LED Luminaires were installed at the Jonsson Engineering Center on RPI's campus to replace single T8 pendant-style fluorescent fixtures. The suspended LED lighting fixtures will be in conference rooms at the institute as well. Director Bob Karlicek noted the lighting fixtures, which are surrounded by a clear, narrow band that makes the light source appear to float, produce enough indirect (side) light to pleasantly illuminate walls without glare.

"Good office lighting design doesn't call attention to itself but to the environment. We found GE's suspended LED luminaire to be a good vehicle for further research into healthy lighting applications and other advanced dynamic lighting systems that will deliver high-quality light and new light-based services to people."

- Bob Karlicek, Director, Smart Lighting Engineering Research Center

Featuring a sleek and modern—yet durable—design, GE's Lumination EP Series LED Luminaires offer a new visual aesthetic in decorative lighting fixtures. Intrinsx™ technology combines direct and indirect lighting in one translucent LED luminaire to deliver remarkable light output in an ultra-thin profile.

For more information, visit **gelighting.com/office**.

OPERATING IMPACT

- RPI no longer needs to replace old bulbs twice per year
- Reductions in associated maintenance time and costs

ENVIRONMENTAL IMPACT

GE helped improve room light quality and aesthetics for more pleasant indoor illumination.

imagination at work

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